

Round belt

PU80A orange smooth



FDA
EC
USDA

| Order No. | Diameter Ø | | Cross section cm ² | approx. Weight kg/100 m | Standard Roll | | Recommended Min. pulley Ø | | Fmax/belt (Standard) | |
|-------------|------------|-------|----------------------------------|----------------------------|---------------|-----|---------------------------|------|----------------------|-------|
| | mm | inch | | | m | ft | mm | inch | kg | lbs |
| FBRP84A020 | 2,0 | 5/64 | 0,032 | 0,5 | 30 | 100 | 15 | 0,6 | 1,1 | 2,4 |
| FBRP84A032 | 3,2 | 1/8 | 0,071 | 0,9 | 30 | 100 | 25 | 1,0 | 2,1 | 4,7 |
| FBRP84A032A | 3,2 | 1/8 | 0,071 | 0,9 | 152 | 500 | 25 | 1,0 | 2,2 | 4,9 |
| FBRP84A040 | 4,0 | 5/32 | 0,126 | 1,6 | 30 | 100 | 30 | 1,2 | 4,1 | 8,9 |
| FBRP84A048 | 4,8 | 3/16 | 0,181 | 2,2 | 30 | 100 | 40 | 1,6 | 5,8 | 12,7 |
| FBRP84A048A | 4,8 | 3/16 | 0,181 | 2,2 | 152 | 500 | 40 | 1,6 | 5,8 | 12,7 |
| FBRP84A050 | 5,0 | 1/5 | 0,197 | 2,4 | 30 | 100 | 45 | 1,8 | 6,2 | 13,7 |
| FBRP84A060 | 6,0 | 7/32 | 0,283 | 3,4 | 30 | 100 | 55 | 2,2 | 9,0 | 19,8 |
| FBRP84A063 | 6,3 | 1/4 | 0,310 | 3,8 | 30 | 100 | 60 | 2,4 | 10,1 | 22,1 |
| FBRP84A063A | 6,3 | 1/4 | 0,310 | 3,8 | 152 | 500 | 60 | 2,4 | 10,1 | 22,1 |
| FBRP84A070 | 7,0 | 9/32 | 0,385 | 4,7 | 30 | 100 | 65 | 2,6 | 12,4 | 27,3 |
| FBRP84A079 | 7,9 | 5/16 | 0,500 | 6,0 | 30 | 100 | 75 | 3,0 | 16,1 | 35,3 |
| FBRP84A079A | 7,9 | 5/16 | 0,500 | 6,0 | 152 | 500 | 75 | 3,0 | 16,1 | 35,3 |
| FBRP84A095 | 9,5 | 3/8 | 0,710 | 8,5 | 30 | 100 | 90 | 3,5 | 22,7 | 49,9 |
| FBRP84A095A | 9,5 | 3/8 | 0,710 | 8,5 | 152 | 500 | 90 | 3,5 | 22,7 | 49,9 |
| FBRP84A100 | 10,0 | 7/16 | 0,785 | 9,4 | 30 | 100 | 95 | 3,7 | 25,3 | 55,6 |
| FBRP84A120 | 12,0 | 15/32 | 1,130 | 13,5 | 30 | 100 | 110 | 4,3 | 36,4 | 80,0 |
| FBRP84A127 | 12,7 | 1/2 | 1,230 | 14,8 | 30 | 100 | 115 | 4,5 | 39,4 | 86,6 |
| FBRP84A143 | 14,3 | 9/16 | 1,605 | 21,0 | 30 | 100 | 130 | 5,1 | 49,4 | 108,8 |
| FBRP84A159 | 15,9 | 6/8 | 1,985 | 22,5 | 30 | 100 | 150 | 5,9 | 64,2 | 141,2 |
| FBRP84A190 | 19,0 | 3/4 | 2,83 | 31,0 | 30 | 100 | 170 | 6,7 | 91,0 | 200,1 |









approx. 84° Shore A

Recommended pretension

4...8 %

Coeff. of friction μ : Steel: approx. 0,65 | PE: approx. 0,35 | HDPE: approx. 0,30 | FDA/EC/USDA compliant

Symbols

| | | | | | | | |
|---|---|---|---|---|--|---|---|
|  |  |  |  |  |  |  |  |
| Antistatic profile with outstanding mechanical properties. | Profile with exceptional low-temperature flexibility down to -30°C. | Patented material formulation „PLUS“ for lower product elongation. | Very good UV resistance. | FDA/EC conformity for hydrolysis-resistant conveying profiles with rough and finely textured surfaces. EC/FDA/USDA conformity for smooth profiles. | Metal and X-ray detectable profiles for maximum food safety. | Hydrolysis resistance (HY). Suitable for humid environments. | Microbe-resistant materials do not provide a breeding ground for microorganisms |